

WASTE BIN

5 The present invention is for a waste bin with an option of waste sorting.

Waste bins for collecting of wastes of various kinds are used at most places of work and at many other places. It is then desirable that the wastes can be sorted into at least two fractions. For reasons of space availability this is often unsuitable or impossible which means that the wastes are put unsorted into the same container with the accompanying disadvantages.

15 The invention may be said to be a recovery and waste station within a minimal space at a local place of work. The object of the present invention is a waste bin which can be emptied and enables sorting of wastes into at least two fractions and which may be used even at minimal spaces. One fraction may be burnable and recoverable paper while the other fraction includes other wastes such as plastics, tape, fruit peel etc. It is another object of the invention that all collecting compartments which are parts of the waste bin shall be made easily accessible when the respective kind of waste shall be disposed of. A further object of the invention is that it shall be possible to mount the waste bin on to the underside of a work table or the like so that floor space is saved. The waste bin of the invention has the characteristics which are apparent from claim 1, 20 embodiments of the invention have those characteristics which are apparent from the other claims.

25 The invention will below be described with reference to the example of an embodiment thereof which is shown in the enclosed figures.

30 Figure 1 shows a waste bin according to the invention which is mounted under a work table.

Figure 2 is a blow up of parts of the means for bearing and mounting.

35 *Ans A17* The device comprises a central shaft 1 made from tubular square hollow profile which is arranged vertically. On each side of the square profile there are several through bores 11 for the hanging up of boxes or compartments 9, 10. The boxes are easily detachable by being hooked at the openings in a suitable way.

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Fixed to the upper end of the shaft 1 by welding or otherwise there is a plate 2 having a central hole for a bolt 6. The bolt is a shaft for an axial bearing 4 and it is at its upper end mounted at a mounting plate 8 by means of a locknut 7. A sliding plate 5 is arranged between the mounting plate 8 and the plate 2. The mounting plate 8 has a suitable number of holes for fastening by means of screws on the underside of a worktable 3.

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Other varieties and embodiments are possible within the frame of the inventive idea. For example the shaft may instead of being a tube comprise several, vertical bars at which the boxes are hung up. The number of boxes may vary but two boxes is often sufficient for normal office use.

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